1	<u>Claims</u>		
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3	1. A method of operating a file server, said method including steps for		
4	identifying a first file on said file server with a first security style selected		
5	from among a plurality of security styles; and		
6	enforcing said first security style for all accesses to said first file.		
7			
8	2. A method as in claim 1, wherein said plurality of security styles in-		
9.	cludes a Windows NT security style.		
1 Q	3. A method as in claim 1, wherein said plurality of security styles includes a Unix security style.		
13 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4. A method as in claim 1, including steps for associating said first file with a subset of files in a file system; and		
16	limiting said subset of files to a security subset of said plurality of security		
17	styles;		
18	wherein attempts to set permissions in said file system tree are restricted to		
19	said security subset.		
20			
21	5. A method as in claim 4, wherein said security subset includes a		
22	Windows NT security style.		

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A method as in claim 4, wherein said security subset includes a Unix 2 6. 3 security style.

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5 7. A method as in claim1, including steps for identifying said first file 6 with a second security style in response to a file server request.

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8 8. A method as in claim 7, including steps for associating said second 9 security style with a file server request for setting permissions for said first file when said in a p 10 15 feet and the control of the co file server request is successful.

A method as in claim 7, wherein said steps for identifying include 9. steps for translating a first set of permissions associated with said first file in said first security style to a second set of permissions in said second security style, wherein said second set of permissions is no less restrictive than said first set of permissions.

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- 17 A method as in claim 1, wherein said steps for enforcing include 10. 18 steps for
- 19 recognizing a first set of permissions associated with said first file in said 20 first security style;
- 21 defining a first user type associated with said first security style;

1	translating a user from a second user type associated with a second security	
2	style into said first user type; and	
3	enforcing a file server request from said second user type using said first	
4	user type and said first set of permissions.	
5		
6	11. A method as in claim 10, wherein said steps for translating are per-	
7	formed with regard to access control limits applicable to said first file at a time of said	
8	steps for enforcing.	
9 ****		
9 the line gard made to the line at the li	12. A method as in claim 10, wherein said steps for translating are per-	
1 1	formed with regard to access control limits applicable to said first file at a time said ac-	
1 2 .5	cess control limits are set.	
13 mg arms arms arms arms arms arms arms arms	13. A method as in claim 1, wherein said steps for enforcing include steps for	
16	translating a first set of permissions associated with said first file in said	
17	first security style to a second set of permissions in a second security style, wherein said	
18	second set of permissions is no less restrictive than said first set of permissions; and	
19	enforcing a file server request in said second security style using said sec-	
20	ond set of permissions.	
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1		14.	A method as in claim 13, wherein said steps for translating are per-
2	formed with	regard	to access control limits applicable to said first file at a time of said
3	steps for enforcing.		
4			
5		15.	A method as in claim 13, wherein said steps for translating are per-
6	formed with	regard	to access control limits applicable to said first file at a time said ac-
7	cess control limits are set.		
8			
9		16.	A file server including
10		a set	of files available said file server, each said file having an associated
1 1	security style selected from among a plurality of security styles available on said file		
10 the same and containing contai	server;		
13		where	ein said file server enforces said associated security style for all ac-
1 4 .	cesses to said file.		
1 5			
16		17.	A file server as in claim 16, wherein said plurality of security styles
17	includes a Windows NT security style.		
18			
19		18.	A file server as in claim 16, wherein said plurality of security styles
20	includes a U	Jnix sec	curity style.
21			
22		19.	A file server as in claim 16, including

1	a subtree of files in said file system associated with a security subset of said		
2	plurality of security styles;		
3	wherein said file server restricts attempts to set permissions in said subtree		
4	to said security subset.		
5			
6	20. A file server as in claim 19, wherein said security subset includes a		
7	Windows NT security style.		
8			
9.,,	21. A file server as in claim 19, wherein said security subset includes a		
And the state of t	Unix security style.		
11			
	22. A file server as in claim 16, wherein said file server is capable of al-		
13 that 14 that 15	tering the security style associated with said file in response to a file server request.		
14			
15	23. A file server as in claim 22, wherein said file server is capable of al-		
16	tering the security style associated with said file in response to a file server request when		
17	said file server request is successful.		
18			
19	24. A file server as in claim 22, wherein said file server is capable of		
20	translating a first set of permissions associated with said file in a first security style to a		
21	second set of permissions in a second security style, wherein said second set of permis-		
22	sions is no less restrictive than said first set of permissions.		

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25. 2 In a file server having a plurality of files, a data structure associating 3 a security style with each said file, said security style being selected from among a plu-4 rality of security styles available on said file server.

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6 26. A data structure as in claim 25, wherein said plurality of security 7 styles includes a Windows NT security style.

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9 27. A data structure as in claim 25, wherein said plurality of security and And styles includes a Unix security style.

28. In a file server having a plurality of files and a security style associated with each said file, said security style being selected from among a plurality of security styles available on said file server, a data structure associating a security subset of said plurality of security styles with a subtree of said files available on said file server.

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17 29. A data structure as in claim 28, wherein said security subset includes 18 a Windows NT security style.

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20 30. A data structure as in claim 28, wherein said security subset includes 21 a Unix security style.